

## ABSTRACT

The present invention relates to an architectural development of a monolithic integrated circuit with dual public key cryptographic protected central processing units in a computing device, with large external non-volatile reprogrammable memory enabled to perform cryptographically controlled transactions for identification of persons, computers, and or mobile devices, for controlling access to physical and computational devices, for multivendor monetary transactions, and to serve as a safe depository of data, especially useful for encapsulating applications, programmed and updated by varied entitled programmers such that one or many vendors' applications are mutually exclusive, and virtually unable to corrupt, infringe, change or affect other vendor applications.

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